

The R. Cargill Hall Collection, 1948-1968

2.5 c.f.

Call Number: JPL 59

{PRIVATE }Biography{tc \l 1 "Biography"}

R. Cargill Hall graduated from Shattuck School, Faribault, MN in 1955. He received a BA in 1959 in Political Science from Whitman College, Walla, WA. In 1966 he received an MA in Political Science and International Relations from San Jose College. He married Beverley Chichester (Whitman, 1958) and had three children.

He received the Robert Goddard Historical Essay prize in 1962 and 1963, presented by the National Rocket Society. In 1964 he was an historian for Space Systems Division and Operations Research analyst at Lockheed Missiles and Space Company, Sunnyvale, CA. He dealt with the history of the Atlas-Agena launch vehicle. He wrote about and was interested in space law, and right to salvage of spent spacecraft.

With the encouragement of Eugene Emme, NASA Historian, he sought a NASA history contract position at JPL in January 1967 as his job at Lockheed began to be phased out by late 1966. He was hired on April 3, 1967 as the JPL Historian to write histories of the Ranger, Surveyor and Mariner Projects. In September 1967 he and his family moved to 1370 Chamberland Rd., Pasadena.

He initially provided general advice on historical and records needs to William Pickering, JPL Director, and to other administrators which diverted him from work on Project histories. In 1971 Hall completed *Project Ranger: A Chronology* (JPL-CIT and NASA, 1971; JPL HR-2). Building on that base, he wrote *Lunar Impact: A History of Project Ranger* (Washington: NASA, 1977, SP-4210 in NASA History Series).

In his gathering and indexing documents for his Ranger Project research, Hall created the much broader JPL History Collection and assisted Clayton Koppes in writing *JPL and the American Space Program* (New Haven: Yale University Press, 1980).

Although not documented in this collection, the JPL Historian's Office was closed in 1976. By 1992 Hall was a Historian at the USAF History Office at Bolling Air Force Base, Virginia.

{PRIVATE }Provenance{tc \l 1 "Provenance"}

The collection probably came to the Archives with the JPL History Collection which Hall created between 1967 and 1976 although no specific record indicates such.

The collection includes in addition to Hall-created files some writings of W.H. Ramsell of Lockheed with whom Hall worked on a book prior to leaving Lockheed and correspondence files of Richard Wilford's. Wilford worked in the JPL Public Information Office from 1960 until replaced functionally by Hall as JPL Historian. Part of Wilford's responsibilities are documented in the file titled "Historian Correspondence 1960-1965" (see Folder 33 below).

{PRIVATE }Collection Description and Arrangement{tc \l 1 "Collection Description and Arrangement"}

The collection is arranged roughly in a chronological order into three parts:

1) various research materials and writings while Hall worked for Lockheed Missile and Space Company, Sunnyvale, CA. These include drafts and finished copies of Hall research works, collected reference materials in support of this research, and correspondence and various other items for three Goddard essays which Hall wrote, two which won the prize in two successive years.

2) correspondence, inter-office memos and related materials for the JPL Historian's office both prior to Hall appointment (1960-1967 as operated by Richard Wilford) and for the first year and a half of Hall's nine year tenure. These files are probably the most valuable part of the collection, helping to shed light on the origins and operations of the Historian's Office.

3) some of Hall's personal correspondence, retained with his business correspondence, for the first year and a half of his residence in Pasadena.

{PRIVATE }Conservation/Preservation{tc \l 1 "Conservation/Preservation"}
Newspaper clippings were photocopied onto acid-free archival paper.

Separation Statement

Printing negatives which exactly matched the *Chronology of Astronautics* page proofs (see Folder 16 below) were discarded.

{PRIVATE }File Folder List{tc \l 1 "File Folder List"}

File titles in quotes are as-found file titles.

LOCKHEED YEARS FILES

{PRIVATE }BOX 1{tc \l 2 "BOX 1"}

- | | |
|--------|--|
| Fld 1 | "Summary of Airplane Model Designation - Lockheed Airplanes," October 15, 1950 (booklet). |
| Fld 2 | "File X-17 53-56 Rene Miller/Cher File," 1956, n.d. |
| Fld 3 | S.I. Hayakawa, "On Communication with Soviet Union - Part 1," July 30, 1960, 8pp. typescript. |
| Fld 4 | "Introduction to Lockheed Missiles and Space Company," Lockheed Market Development Administration, October 1962 (booklet). |
| Fld 5 | "-673- Rec'y Photos," August 1960.
Includes 19 b&w photographic prints showing the recovery at sea of a Agena Research Recovery metal capsule which was eventually taken to President Eisenhower. |
| Fld 6 | Lockheed Publications, ca. 1961
Includes 4 items. |
| Fld 7 | "Assorted Historical Documents from NASA," 1948, 1964.
Includes two items, both authored by Eugene Emme. |
| Fld 8 | Cargill Hall, "Comments on Traffic Control of Space Vehicles, " <i>Journal of Air Law and Commerce</i> , Fall 1965 (Lockheed reprint), 22 pp. |
| Fld 9 | "Unclassified Reference Material Index," n.d. |
| Fld 10 | "0909," n.d.
Includes Lockheed-related information about SNAP engine; includes 12-8x10 b&w photographs plus 2 diagrams. |
| Fld 11 | "Satellite Systems History: Source Data Index, 1946-61," n.d. |
| Fld 12 | "AF Tracking Stations," 1963, 1967. |

{PRIVATE }BOX 2{tc \l 2 "BOX 2"}

- Fld 13 "File No. 0199," 1952,1959.
Includes X7-A ramjet test vehicle information.
- Fld 14 Lockheed Publications, ca. 1961.
Includes various Lockheed drafts and publications relating to "Chronology Of Astronautics 1897-1957."
- Fld 15 "No. 0067 1949," n.d.; 1962.
Includes notes on chronology of space-related events plus "Chronology of Astronautics, 1897-1957," Lockheed, 1962.
- Fld 16 "Chronology of Astronautics" page proofs, n.d.
- Fld 17 "LMSC Hist Program," 1959-63.
- Fld 18 1962 Robert Goddard Essay, 1963
- Fld 19 1963 Robert Goddard Essay, 1963-1964
&
Fld 20

{PRIVATE }BOX 3{tc \l 2 "BOX 3"}

- Fld 21 1964 Robert Goddard Essay, 1964-1965
to
Fld 25
- Fld 26 "R.C. Hall," ca. 1966.
Includes materials related to Hall's "The Agena Satellite," November 1966.
- Fld 27 "Agena History AIAA," 1966.
to
Includes "AIAA Corres." in Fld 31
- BOX 4**
Fld 32

JPL-RELATED FILES

- Fld 33 "Historian Correspondence 1960-1965," 1960-1965.
- Fld 34 "Historian Correspondence 1966," 1966.
- Fld 35 "Historian Correspondence 1967," 1967.
- Fld 36 "Historian Correspondence 1968," 1968.
- Fld 37 "Inter-Office Memos, 1967," 1967.
- Fld 38 "Inter-Office Memos, 1968," 1968.

Fld 39 "Illustrations Folios and Strip-Ins," n.d.
to Includes 63 b&w photographic prints and caption list, apparently for Hall's
BOX 5 *Lunar Impact*.
Fld 41

PERSONAL CORRESPONDENCE WHILE AT JPL

Fld 42 "Personal Correspondence, 1965," 1965.

Fld 43 "Personal Correspondence, 1966," 1966.

Fld 44 "Personal Correspondence, 1967," 1967.

Fld 45 "Personal Correspondence, 1968," 1968.

{PRIVATE }Catalog Description{tc \l 1 "Catalog Description"}

Hall, R. Cargill,
R. Cargill Hall Collection, 1948-1968.
2.5 c.f. in 45 flds.

Includes correspondence and research records relating to Hall's career as a historian at Lockheed Missiles and Space Company (Sunnyvale, CA) prior to 1967 and as the JPL Historian after April 1967.

Includes specific information about the Atlas-Agena launch vehicle, the Lockheed X-17 test vehicle, the Agena Research Recovery capsule, the X-7A ramjet test vehicle, and the Agena satellite. Some of these materials were co-authored with Lockheed's W.H. Ramsell.

Includes specific information about the creation of the office of JPL Historian and the first year and a half of its operation. A significant event during this time period was Hall's spearheading the placement of a plaque commemorating the 1936 Arroyo Seco rocket motor test, the beginning of JPL.

Register available for the collection.

Accession # 98-207

TRACINGS

Hall, R. Cargill

Ramsell, W.H.

Wilford, Richard

Lockheed Missiles and Space Company - history

Robert Goddard Essay - history

JPL Historians's Office - history

JPL - 1936 motor test - history

Emme, Eugene

Agena Research Recovery capsule